

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Lei Shao

Application No: 10/789,387

Filed: 02-26-2004

For: AN APPARATUS AND ASSOCIATED METHODS TO INTRODUCE DIVERSITY IN A  
MULTICARRIER CHANNEL)

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) Examiner: Nguyen, Leon Viet Q  
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) Art Unit: 2611  
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HONORABLE COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE**

Dear Sir:

This response is provided to the Office Action (hereafter, the Action) mailed March 17, 2008. In view of the following amendments and subsequent remarks, favorable reconsideration of the above captioned application is respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 3 of this paper.